

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| -        | 2    | insulin ADJ triiodothyronine                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:12 |
| -        | 0    | insulin ADJ "3,3,5 triiodothyronine"                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:13 |
| -        | 0    | insulin SAME "3,3,5 triiodothyronine"                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:13 |
| -        | 1    | "3,3,5 triiodothyronine"                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 18:04 |
| -        | 0    | "3,3,5 triiodothyronine" and 4423227.pn.<br>and insulin  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:14 |
| -        | 0    | "3,3,5 triiodothyronine" and 4423227.pn.<br>and lysine   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:15 |
| -        | 0    | "3,3,5 triiodothyronine" and 4423227.pn.<br>and diabetes | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:15 |
| -        | 1    | "3,3,5 triiodothyronine" and 4423227.pn.                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:17 |
| -        | 48   | triiodothyronine   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:17 |
| -        | 19   | triiodothyronine and insulin                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:17 |
| -        | 13   | triiodothyronine.ab.                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:18 |
| -        | 2    | triiodothyronine.ab. and insulin                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:18 |
| -        | 0    | triiodothyronine and insulin.ti.                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:18 |
| -        | 0    | triiodothyronine.ti. and insulin                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:18 |
| -        | 2    | triiodothyronine.ab. and insulin.ab.                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:19 |
| -        | 9    | insulin SAME triiodothyronine                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:33 |
| -        | 1    | insulin SAME triiodothyronine and<br>5591709.pn.         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:34 |

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| - | 0   | insulin SAME triiodothyronine and 5591709.pn. and covalent | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:34 |
| - | 0   | insulin SAME triiodothyronine and 5591709.pn. and bound    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:34 |
| - | 0   | insulin SAME triiodothyronine and 5591709.pn. and binding  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:35 |
| - | 1   | insulin SAME triiodothyronine and covalent                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 16:35 |
| - | 1   | "3,3,5 triiodothyronine" and protein                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/27 19:06 |
| - | 4   | triiodothyronine and insulin.ab.                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/28 06:42 |
| - | 0   | triiodothyronine and insulin.ab. and 530/303.fs.           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/28 06:44 |
| - | 1   | triiodothyronine and insulin.ab. and 514/3.fs.             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/28 08:27 |
| - | 0   | triiodothyronine and insulin.ab. and 530/303.fs.           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/28 06:45 |
| - | 0   | triiodothyronine and insulin.ab. and 514/539.fs.           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 15:41 |
| - | 0   | "T3" and insulin.ab. and 514/539.fs.                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/28 08:28 |
| - | 2   | 6342225.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:27 |
| - | 427 | thyroxine and "T3"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:27 |
| - | 141 | thyroxine and "T3" and insulin                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:28 |
| - | 9   | thyroxine and "T3" and insulin.ab.                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:37 |
| - | 27  | thyroxine and triiodothyronine and insulin.ab.             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:28 |
| - | 2   | insulin.ab. and covalent and triiodothyronine              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:02 |

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| - | 0  | insulin.ab. and covalent SAME triiodothyronine        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 17:37 |
| - | 1  | covalent SAME triiodothyronine                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:04 |
| - | 50 | insulin.ab. and insulin SAME triiodothyronine         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:05 |
| - | 39 | insulin.ab. SAME triiodothyronine                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:17 |
| - | 8  | 9505187.did.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:41 |
| - | 0  | 9505187.did. and covalent                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:23 |
| - | 2  | 9505187.did. and covalently                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:26 |
| - | 0  | 9505187.did. and covalently and thyroxine             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:26 |
| - | 0  | 9505187.did. and covalently and thyroid               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:26 |
| - | 2  | 9505187.did. and covalently and insulin               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:29 |
| - | 0  | 9505187.did. and covalently and insulin and thyroxine | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:29 |
| - | 0  | 9507931.did. and covalently and insulin               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:29 |
| - | 4  | 9507931.did.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:29 |
| - | 2  | 9507931.did. and insulin                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:30 |
| - | 0  | 9507931.did. and insulin and covalent                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:30 |
| - | 0  | 9507931.did. and insulin and covalently               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:30 |
| - | 0  | 9507931.did. and covalently                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 19:30 |

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| - | 2 | 9507931.did. and insulin                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:37 |
| - | 0 | 9507931.did. and thyroxine                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:34 |
| - | 1 | 5750497.pn. and thyroxine                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:38 |
| - | 0 | 5750497.pn. and thyroxine SAME covalent                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:38 |
| - | 0 | 5750497.pn. and thyroxine SAME covalently               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:38 |
| - | 0 | 5750497.pn. and thyroxine SAME derivatising             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:39 |
| - | 0 | 5750497.pn. and thyroxine SAME acylation                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:39 |
| - | 1 | 5750497.pn. and thyroxine SAME insulin                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:50 |
| - | 1 | 5750497.pn. and thyroxine SAME insulin and Phe          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:51 |
| - | 0 | 5750497.pn. and thyroxine SAME insulin and Phe and "D1" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:51 |
| - | 1 | 5750497.pn. and thyroxine SAME insulin and Phe and "B1" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:54 |
| - | 1 | 5750497.pn. and composition                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:54 |
| - | 1 | 5750497.pn. and pharmaceutical                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:54 |
| - | 1 | 5750497.pn. and carrier                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:54 |
| - | 2 | 5750497.pn. and treatment                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:55 |
| - | 1 | 5750497.pn. and treatment and human                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:55 |
| - | 1 | 5750497.pn. and treatment and human and animal          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:55 |

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| - | 1  | 5750497.pn. and "T3"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:57 |
| - | 0  | 5750497.pn. and triiodothyronine  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:57 |
| - | 1  | 5750497.pn. and thyroxine   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:58 |
| - | 0  | 5750497.pn. and thyroid   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:58 |
| - | 0  | 5750497.pn. and tyrosine  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 20:59 |
| - | 1  | 5750497.pn. and treatment and human and animal and composition and carrier and pharmaceutical | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:50 |
| - | 1  | 5681561.pn. and triiodothyronine  | USPAT;<br>US-PGPUB                          | 2003/03/03 21:38 |
| - | 12 | "3,5,3 triiodothyronine" and insulin  | USPAT;<br>US-PGPUB                          | 2003/03/03 21:38 |
| - | 6  | "3,5,3 triiodothyronine" SAME insulin   | USPAT;<br>US-PGPUB                          | 2003/03/03 21:39 |
| - | 5  | "3,3,5 triiodothyronine" SAME insulin   | USPAT;<br>US-PGPUB                          | 2003/03/03 21:40 |
| - | 13 | "3,3,5 triiodothyronine" and insulin  | USPAT;<br>US-PGPUB                          | 2003/03/03 23:26 |
| - | 1  | "3,3,5 triiodothyronine" and insulin.ab.  | USPAT;<br>US-PGPUB                          | 2003/03/03 21:43 |
| - | 0  | "rT3" and insulin.ab.   | USPAT;<br>US-PGPUB                          | 2003/03/03 21:43 |
| - | 4  | "rT3" and insulin   | USPAT;<br>US-PGPUB                          | 2003/03/03 21:43 |
| - | 63 | "3,3,5 triiodothyronine"  | USPAT;<br>US-PGPUB                          | 2003/03/03 23:26 |
| - | 0  | 9505187.did. and triiodothyromine   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:42 |
| - | 0  | 9505187.did. and triiodothyronine   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:42 |
| - | 1  | 9505187.did. and "T3"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:43 |
| - | 0  | 5854208.pn. and "T3"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:43 |
| - | 0  | 5854208.pn. and triiodothyromine  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:46 |
| - | 2  | 5854208.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/03 23:46 |
| - | 1  | 5750497.pn. and treatment and human and animal and composition and carrier and pharmaceutical | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/04 00:37 |

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| - | 2   | 5750497.pn. and B1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/04 00:23 |
| - | 1   | 5750497.pn. and composition and carrier<br>and pharmaceutical           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/04 00:38 |
| - | 2   | 5581561.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/04 01:56 |
| - | 2   | 5681561.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/03/04 01:56 |
| - | 64  | "3,5,3 triiodothyronine"  | USPAT;<br>US-PGPUB                          | 2003/03/10 09:43 |
| - | 63  | "3,3,5 triiodothyronine"  | USPAT;<br>US-PGPUB                          | 2003/03/10 12:05 |
| - | 472 | "thyroid hormones" SAME function  | USPAT;<br>US-PGPUB                          | 2003/03/11 08:30 |
| - | 774 | "thyroid hormones" SAME function "rT3"                                  | USPAT;<br>US-PGPUB                          | 2003/03/11 08:30 |
| - | 473 | "thyroid hormones" SAME function<br>"reverse-T3"                        | USPAT;<br>US-PGPUB                          | 2003/03/11 08:30 |
| - | 0   | "thyroid hormones" SAME function SAME<br>"reverse-T3"                   | USPAT;<br>US-PGPUB                          | 2003/03/11 08:30 |
| - | 1   | "thyroid hormones" SAME function SAME<br>"rT3"                          | USPAT;<br>US-PGPUB                          | 2003/03/11 09:50 |
| - | 1   | 6221633.pn.   | USPAT;<br>US-PGPUB                          | 2003/03/11 09:51 |
| - | 0   | 9505187.did.  | USPAT;<br>US-PGPUB                          | 2003/03/11 09:51 |
| - | 0   | 199505187.did.  | USPAT;<br>US-PGPUB                          | 2003/03/11 09:52 |
| - | 1   | 5854208.pn.   | USPAT;<br>US-PGPUB                          | 2003/03/11 09:53 |
| - | 1   | 5854208.pn. and "T4"  | USPAT;<br>US-PGPUB                          | 2003/03/11 10:36 |
| - | 0   | 5854208.pn. and "T4" and "T3"   | USPAT;<br>US-PGPUB                          | 2003/03/11 09:53 |
| - | 0   | 5854208.pn. and "T4" and "rT3"  | USPAT;<br>US-PGPUB                          | 2003/03/11 09:53 |
| - | 0   | 5854208.pn. and "T4" and "reverse-T3"                                   | USPAT;<br>US-PGPUB                          | 2003/03/11 09:53 |
| - | 0   | 5854208.pn. and triiodothyronine  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:12 |
| - | 1   | 5750497.pn. and thyroxine   | USPAT;<br>US-PGPUB                          | 2003/03/11 10:37 |
| - | 0   | 5750497.pn. and thyroxine and tetra                                     | USPAT;<br>US-PGPUB                          | 2003/03/11 10:37 |
| - | 0   | 5750497.pn. and thyroxine and<br>tetraiodothyroacetic and "T4" and "T3" | USPAT;<br>US-PGPUB                          | 2003/03/11 10:39 |
| - | 1   | 5750497.pn. and thyroxine and<br>tetraiodothyroacetic and "T4"          | USPAT;<br>US-PGPUB                          | 2003/03/11 10:39 |
| - | 1   | 5854208.pn. and B1  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:12 |
| - | 0   | 5854208.pn. and B1 and B29  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:12 |
| - | 1   | 5854208.pn. and B1 and lysine   | USPAT;<br>US-PGPUB                          | 2003/03/11 11:32 |
| - | 0   | 5854208.pn. and B29   | USPAT;<br>US-PGPUB                          | 2003/03/11 11:32 |
| - | 0   | 5854208.pn. and a1  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:32 |
| - | 0   | 5854208.pn. and "A1"  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:32 |
| - | 1   | 5854208.pn. and "B1"  | USPAT;<br>US-PGPUB                          | 2003/03/11 11:36 |

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| - | 0    | 5750497.pn. and thyroxine and<br>tetraidothyronine    | USPAT;<br>US-PGPUB | 2003/03/11 11:46 |
| - | 1    | 5750497.pn. and thyroxine and<br>tetraiodothyroacetic | USPAT;<br>US-PGPUB | 2003/03/11 12:04 |
| - | 1856 | "T4" and "T3" and "biologically active"               | USPAT;<br>US-PGPUB | 2003/03/11 12:06 |